PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to re

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Sponu	io a coneci	UITOTI	mornauon uniess it displays a valid Givib control number.				
Attorne	torney Docket No. 32860-000589/US						
			pert BRUDER; Thomas FLOHR; Rainer RAUPACH; ar an SCHALLER				
Title	OF IM	AGES	TIVE AND/OR WINDOW-CONTROLLED FILTERING FOR ADAPTING SHARPNESS AND NOISE IN TOMOGRAPHY				

APPLICATION ELEMENTS See MFEP chapter 600 concerning utility patient application contents. 1. ☑ Fee Transmittal Form (e.g., PTO/SB/17), (Subman a openal and a deplete for the percessary) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 25.] (preferred arrangement set forth below) Descriptive tille of the Invention - Closs References to Regular Applications - Computer Program (Applications Sequence Listing, a 1able, or a computer program insting appendix - Background of the Invention - Brief Summary of the Invention								
1								
Submit an original and a deplication for the processing)								
2								
See 37 CFR 1.27. 3.								
3. Specification Tortal Pages 25								
(preferred arrangement set forth below) Descriptive tille of the Invention Cross References to Related Applications Statement Regarding Fet sponsored R & D Reference to sequence fisting, a table, or a computer program isting appendix Background of the Invention Brief Summary of the Invention 9. △ ASSIgmment Papers (cover sheet & document								
Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence fisting, a table, or a computer program isting appendix Background of the Invention Brief Summary of the Invention Signature of the Statement Papers (cover sheet & document	1							
Statement Regarding Fed sponsored R & D Reference to sequence fisting, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Brief Summary of the Invention Series Summary of the Invention								
- Retretieur to Sequence Issuing, a Lober, or a computer program Issiing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Significant Summary of the Invent								
- Background of the Invention - Brief Summary of the Invention 9. Assignment Papers (cover sheet & document)								
 Brief Summary of the Invention 9. Assignment Papers (cover sheet & document) 								
	s))							
Brief Description of the Drawings (if filed) Detailed Description 10. 37 C.F.R.§3.73(b) Statement Power of								
- Claim(s) (when there is an assignee) Automey								
- Abstract of the Disclosure 11. English Translation Document (if applicable)								
4. Drawing(s) (35 U.S.C.113) Total Sheets 4 1 12. Information Disclosure	IDS							
10 Destinions, Amendment								
a. Newly executed (original or copy) 13. Preliminary Americand (MPEP 503)	Return Receipt Postcard (MPEP 503)							
b. Copy from a prior application (37 CFR 1.05 (u)) (Should be specifically itemized)								
(for a continuation/divisional with Box 18 completed) 15. Certified Copy of Priority Document(s)								
i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16 December and Non Publication under 35 U.S.C.								
Tio Trequest and from the discussion are 27 CED	16. Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35							
or its equivalent								
6. ☐ Application Data Sheet. See 37 CFR 1.76 17. ☑ Other: Information Sheet								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,								
or in an Application Data Sheet under 37 CFR 1.76:								
	nt,							
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /	nt,							
Continuation Divisional Continuation-in-part (CIP) of prior application No:/ Prior application information: Examiner Group / Art Unit:								
□ confinuation □ Divisional □ Confinuation-In-part (CIP) of prior application No:	pplied							
Continuation Divisional Continuation-in-part (CIP) of prior application No:/ Prior application information: Examiner Group / Art Unit:	pplied							
□ confinuation □ Divisional □ Confinuation-In-part (CIP) of prior application No:	pplied							
☐ continuation ☐ Divisional ☐ Continuation-In-part (CIP) of prior application No: ☐ I Prior application information: Examiner ☐ Reprior application information: Examiner ☐ Reprior application information: For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an eath or declaration is as under 80x 50, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by refit The incorporation gain only to raised upon when a point on his 50x the incorporation of the submitted application parts. 17. CORRESPONDENCE ADDRESS	pplied erence.							
□ continuation □ Divisional □ Continuation-In-part (CIP) of prior application No: □ from application No: □ from application from matrix. For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an cath or decisional regulation of the continuation is as considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by refit The incorporation gain only the railed upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS	pplied erence.							
□ confinuation □ Divisional □ Confinuation-in-part (ciP) of prior application No: □ of prior application No: □ of prior application of stormation. Examinar For CONTNINATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or deciration is a sunder Box Sh is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by ref. The incorporation can only be relied upon when a portion has been inadevertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS OF □ Correspondence address	pplied erence.							
□ confinuation □ Divisional □ Confinuation-In-part (CIP) of prior application No: □ I Prior application information: For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an eath or declaration is suurided tox 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by refit The incorporation gain only to railed upon when a point on his been interesterating white from the submitted application parts. 17. CORRESPONDENCE ADDRESS © Customer Number or Bar Code Label (Insert Customer No. or Atlanth bar code label here) Correspondence address	pplied erence.							
□ continuation □ Divisional □ continuation-in-part (CiP) of prior application No: □ of prior application no no: □ of prior application information. Examinar For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or deciaration is as under 80x 8b, is considered a part of the discover of the accompanying or divisional application and is hereby theorypracted by refi The incorporation <u>can not</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS © Customer Number or Bar Code Label 33727 Correspondence address	pplied erence.							
□ Confinuation □ Divisional □ Confinuation-in-part (CiP) of prior application No: □ of prior application formetion. Examinar For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or decleration is as under Bax Sh is considered a part of the disclosure of the accompanying or divisional application and is thereby incorporated by refine the prior application and is never the prior application and is thereby incorporated by refine the prior propriet of the accompanying or divisional application and is thereby incorporated by refine the prior propriet of the accompanying or divisional application and is thereby incorporated by refine the prior propriet of the prior prior to the prior prior to the prior prior to the prior prior to the prior pri	pplied erence.							
□ confinuation □ Divisional □ confinuation-in-part (CiP) of prior application No: □ of prior application No: □ of prior application (No: □ of prior application information: Examinar For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or decisiration is as under 80x 8b, is considered a part of the disclosure of the scompaning or divisional application and surfacely throsporated by refit incorporation and only to entire the support of the scompaning or divisional application and surfacely incorporated by refit incorporation and only to entire the support of the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Customer Number or Bar Code Label Ginsert Customer No. or Attach bar code label here)	pplied erence.							
□ confinuation □ □ bivisional □ Confinuation-in-part (ciP) of price application No: □ of price application No: □ of price application of the method. For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the price application, from which an eath or declaration is a summaring that the considered a part of the disclosure of the accompanying or divisional splicitation and is submitted application parts. 17. CORRESPONDENCE ADDRESS ☑ Customer Number or Bar Code Label □ (Insert Customer No. or Atlach bar code label here) Name Harness, Dickey & Pierce, P.L.C.	pplied erence.							
□ confinuation □ □ bivisional □ confinuation-in-part (ciP) of prior application No: □ confinuation Prior application information: Examiner Examiner Group / Art Uniter State	pplied erence.							
□ confinuation □ □ bivisional □ confinuation-in-part (CiP) of prior application No: □ for application No: □ for application for memor Examinar For CONTRUATRON or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or decleration is a sunder Box Sh is considered a part of the disclosure of the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and application application and application and application application and application	pplied erence.							
□ confinuation □ □ bivisional □ confinuation-in-part (ciP) of prior application No: □ confinuation Prior application information: Examinar Examinar (ciP) of prior application information: Examinar (ciP) of prior application information: Examinar (ciP) of prior application, from which an oath or decleration is surface that the considerated a part of the discionary of divisional application and in thereby incorporated by reliable to prior application and in the prior propriated by reliable to prior application and in the prior propriated by reliable to prior and prior to the discionary of the accompanying or divisional application and in the prior propriated by reliable to prior and prior to prior the prior prior and by the prior prior to the accompanying or divisional application and in the prior prior to the accompanying or divisional application and prior to the disciplinary or the prior prior prior to the accompanying or divisional application and prior the prior prior prior to the accompanying or divisional profileration and prior	pplied erence.							
□ confinuation □ □ bivisional □ confinuation-in-part (CiP) of prior application No: □ for application No: □ for application for memor Examinar For CONTRUATRON or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an eath or decleration is a sunder Box Sh is considered a part of the disclosure of the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and sheely incorporated by reliable to the accompanying or divisional application and application application and application and application application and application	pplied erence.							

Burden Hour Statement: This form is estimated to take 0.2 hours to compete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark. Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

P(Usel17 (1931)
Approved for use through 10317802 086 8651-6029
U.S. Patert and Trademark Office U.S. DEPARTMENT OF COMMENCE.
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unitest is faithysia y valled USB common number.

-	
8	
_	 '
22	= 9
6	1
w	

FEE TRANSMITTAL	Complete if Known						
for FY 2003	Application Number NEW						
101 1-1 2003	Filing Dat		AUGL	AUGUST 21, 2003			
	Inventor(s	5)	Herbert BRUDER et al.				
Patent fees are subject to annual revision.	Examiner		-	SSIGNED			
,			-				
	Group / A	art Unit	+	SSIGNED			
TOTAL AMOUNT OF PAYMENT (\$) 1,200.00	Attorney Docket No. 32860-000589/US						
METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Small Entity Entity						
Deposit	Fee Fe Code (\$	ec Fee \$) Code	Fee (\$)	Fee Description	Fee Pald		
Account 08-0750 Number	105 13	30 205	65	Surcharge - late filing fee or oath			
	127 50	0 227	25	Surcharge - late provisional filing fee or cover sheet.			
Deposit Account Harness, Dickey & Pierce, P.L.C.	139 13	30 139	130	Non-English specification			
Name		520 147	2,520	For filing a request for reexamination			
☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	112 92	112	920*	Requesting publication of SIR prior to Examiner action			
Applicant claims small entity status. See 37 CFR 1.27	113 1,	,840° 113	1,840*	Requesting publication of SIR after Examiner action			
2. Payment Enclosed:		10 215	55	Extension for reply within first month			
☐ Check ☐ Credit card ☐ Money ☐ Other Order	116 41	10 216	205	Extension for reply within second month			
FEE CALCULATION		30 217	465	Extension for reply within third month			
BASIC FILING FEE	118 1,	,450 218	725	Extension for reply within fourth month	_]		
Large Entity Small Entity		,970 228	985	Extension for reply within fifth month	=		
Fee Fee Fee Fee Description Code (S) Code (S) Fee Paid		20 219	160	Notice of Appeal			
(4)		20 220	160	Filing a brief in support of an appeal			
101 750 201 375 Utility filling fee 106 330 206 165 Design filing fee	121 28	80 221	140	Request for oral hearing			
107 520 207 260 Plant filing fee		,510 138	1,510	Petition to institute a public use proceeding			
108 750 208 375 Reissue filing fee		10 240	55	Petition to revive - unavoidable			
114 160 214 80 Provisional filling fee		,300 241	650	Petition to revive - unintentional			
SUBTOTAL (1) (\$) 750		300 242	650	Utility issue fee (or reissue)			
		170 243	235	Design issue fee			
2. EXTRA CLAIM FEES		30 244	315	Plant issue fee			
Extra Fee from Fee . Claims below Paid		30 122	130	Petitions to the Commissioner			
Total Claims 45 -20 ** = 25 X 18 = 450	123 50		50	Processing fee under 37 CFR 1.17 (q) Submission of Information Disclosure			
Independent 2 -3 ** = 0 X 84 = 0	126 18	80 126	180	Stmt			
Multiple Dependent X 0 = 0	581 40	10 581	40	Recording each patent assignment per property (limes number of properties)			
Large Entity Small Entity	146 75	50 246	375	Filing a submission after final rejection (37 CFR § 1.129(a))			
Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	149 75	50 249	375	For each additional invention to be examined (37 CFR § 1.129(b))			
103 18 203 9 Claims in excess of 20	179 7	750 279	375 (Request for Continued Examination (RCE)			
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid							
** Delegans independent alaims over	169 9	900 169	900	Request for expedited examination of a design application			
109 64 209 42 original patent	l				1		
110 18 210 9 "Reissue claims in excess of 20 and over original patent				ļ			
	Other fee ((specify)	-				
SUBTOTAL (2) (S)450	·Bodum -	by Basic Fili	vo Een D-	aid SUBTOTAL (3)			
the number and for the sold if apparent For Polymers are about	neduced	Juy EdsiC Fill	-yr-ue ra	aid SUBTOTAL (3) (S) 0			
**or number previously paid, if greater; For Reissues, see above							

,	SUBMITTEO BY Complete (# applicable)					mplete (if applicable)
l	Name (Print/Type)	Demaid J. Daley	prositive on pp. Attorney/Agent)	34,313	Telephone	703-668-8000
l	Signature	TEN.	#16,1	75	Date	August 21, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTC-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. There will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, Washington, DC 2023.

ON OT SSEND FEES OR COMPLETED PORTIES TO THIS ADDRESS SEND TO Assessant Commissioner for Patents, Sentington, DC 2023.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION SHEET

Applicant(s): Herbert BRUDER et al.

Application No: NEW

Filed: August 21, 2003

For: RETROSPECTIVE AND/OR WINDOW-CONTROLLED FILTERING OF

IMAGES FOR ADAPTING SHARPNESS AND NOISE IN COMPUTED

TOMOGRAPHY

Priority Claimed Under 35 U.S.C. §119 and/or 120:

 COUNTRY
 DATE
 NUMBER

 GERMANY
 08/21/2002
 10238322.7

Send correspondence to: HARNESS, DICKEY & PIERCE, P.L.C.

P.O. Box 8910 Reston, VA 20195

Reston, VA 20195 (703) 668-8000

The above information is submitted to advise the United States Patent and Trademark Office of all relevant facts in connection with the present application. A timely executed Declaration in accordance with 37 CFR 1.64 will follow.

Respectfully submitted,

Openald J. Daley, Reg. No. 34, 313

Reston, VA 20195 (703) 668-8000